



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Lakin et al.

Serial No.: 10/658,638

Filed: 9/9/2003

Title: Whole-Body Mathematical Model for
Simulating Intracranial Pressure Dynamics

Examiner: Not yet assigned

Group No.: Not yet assigned

Docket No.: 02962-00062

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

Anthony P. Gangemi
Anthony P. Gangemi

11/6/2003
Date

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 6, 2003

**TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATION UNDER 37 CFR 3.73(B)**

Transmitted herewith is an executed Power of Attorney by Assignee and Certification under 37 CFR 3.73(b) for the above-identified Application.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 04-1588. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 C.F.R. §1.16.

☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

DOWNS RACHLIN MARTIN PLLC

By: _____

Anthony P. Gangemi

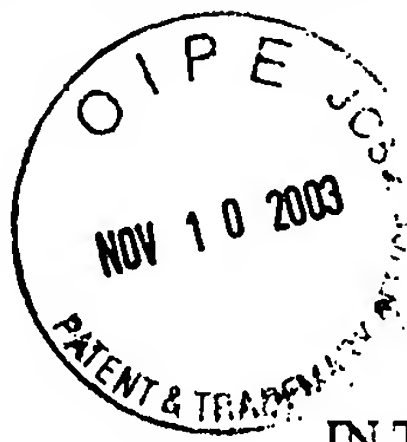
Attorney of Record

Registration No.: 42,565

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BTV.254133.1



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**POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATION UNDER 37 CFR 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

As an officer of The University of Vermont and State Agricultural College ("assignee"), I hereby certify that to the best of assignee's knowledge and belief it is the assignee of the entire right, title and interest in and to the above-referenced patent application, and represent that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and accurate copy which is attached hereto, and understands and believes that this assignment document will be or has been submitted for recordation in the U.S. Patent and Trademark Office.

Assignee hereby appoints on its behalf the following patent attorneys to prosecute the patent application identified above and to transact all business in the Patent Office connected therewith:

Lawrence H. Meier, Esq.
DOWNS RACHLIN MARTIN PLLC
USPTO Customer No. 21918

Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventors.

Send all correspondence relating to this matter to:

Anthony P. Gangemi, Esq.
DOWNS RACHLIN MARTIN PLLC
Customer No. 21918

Direct all telephone calls to Anthony P. Gangemi at 802-846-8362.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 15 day of Oct, 2003.

ASSIGNEE:

The University of Vermont and State
Agricultural College

By 

Name: Ruth A. Farrell

Title: Director of Sponsored Programs

Address: 340 Waterman Building
Burlington, VT 05405

BTV/249760.1

Attorney Docket No. 02962-00062

ASSIGNMENT

	Whereas, we,	Residing in:
(1)	William D. Lakin	City/Town: Johnson State: Vermont
and (2)	Paul L. Penar	City/Town: Shelburne State: Vermont
and (3)	Scott A. Stevens	City/Town: Erie State: Pennsylvania
and (4)	Bruce I. Tranmer	City/Town: S. Burlington State: Vermont

have invented a certain new and useful

Whole-Body Mathematical Model for Simulating Intracranial Pressure Dynamics

and have executed, respectively, a United States patent application therefor on

- (1) September 18, 2003, and (2) September 25, 2003, and
(3) September 29, 2003, and (4) September 22, 2003,

And whereas, The University of Vermont and State Agricultural College, of 85 South Prospect Street, Burlington, Vermont (hereinafter called "Assignee"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;


Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, we the above-named hereby sell, assign, and transfer to Assignee, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to Assignee, its successors and assigns; and we hereby agree that Assignee may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignee.

We the above-named hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(1) Executed at Johnson (city/town), Vermont (state), this 18th day of September, 2003.

(1) 
William D. Lakin

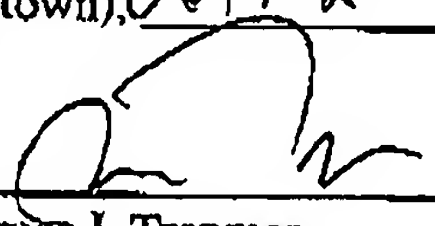
(2) Executed at BURLINGTON (city/town), VERMONT (state), this 25th day of Sept., 2003.

(2) 
Paul L. Penar

(3) Executed at Eric (city/town), Pennsylvania (state), this 29 day of Sept., 2003.

(3) 
Scott A. Stevens

(4) Executed at Burlington (city/town), Vermont (state), this 22 day of Sept., 2003.

(4) 
Bruce I. Tranmer